

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**August 31, 2008**

All Contents in Acre-Feet

RESERVOIR	CAPACITY*	CONTENTS				% CAPACITY 8/31/2008	%AVERAGE 8/31/2008	Reading Date	COMMENTS
	Full Pool Contents	AVERAGE 1960 - 2007	Last Year 8/31/2007	Last Month 7/31/2008	PRESENT 8/31/2008				
ACKLEY	6,140	3,311	2,250	3,531	1,663	27	50	9/2/08	from S. Sundheim el.=4292.1 (1338 af)
BAIR	7,300	3,191	1,381	3,324	1,921	26	60	8/27/08	from D. Mann el.=5294.07
CATARACT	1,478	374	128	734	200	14	53	8/26/08	volume estimated
COONEY	28,230	16,633	18,870	26,651	21,130	75	127	9/3/08	from J. Krook el.=4242.25
COTTONWOOD	1,900	394	29	1,805	1,072	56	272	8/28/08	from B. Nelson el.=5098.3
DEADMAN'S BASIN	75,968	34,515	23,423	43,557	35,179	46	102	8/27/08	from D. Mann el.=3898.96 (31,429 af)
E.F. ROCK CREEK	16,040	5,851	6,738	12,535	7,855	49	134	9/2/08	from data logger
FRENCHMAN	2,777	2,180	970	1,700	987	36	45	8/19/08	from G. Yeska el.=2260.9
MARTINSDALE	23,348	9,242	0	13,739	8,768	38	95	8/27/08	from D. Mann el.=4760.34
MIDDLE CREEK	10,184	6,290	6,802	9,422	6,859	67	109	8/26/08	from P. Dassenko el.=6717.93
NEVADA CREEK	11,207	6,371	4,410	10,190	6,695	60	105	9/1/08	from J. Beck el.= 4603.41
NILAN	10,992	6,106	4,980	10,128	7,048	64	115	9/1/08	from J. Beck el.= 4434.05 (6,148 af)
N.F.K. SMITH RIVER	11,406	5,502	3,902	10,275	6,795	60	124	8/27/08	from D. Mann el.=5472.38
RUBY RIVER	36,633	16,079	10,475	33,969	24,660	67	153	8/26/08	from B. Nelson el.=5378.48
TONGUE RIVER	79,071	39,637	55,154	66,016	50,983	64	129	9/2/08	from data logger
W.F. BITTERROOT	32,362	14,564	18,343	31,706	18,669	58	128	9/2/08	from A. Pernichele el.=4700.21
WILLOW CREEK	18,000	9,662	8,000	15,769	11,570	64	120	8/26/08	from B. Nelson el.=4727.13
YELLOWATER	3,842	900	650	1,680	1,500	39	167	9/4/08	volume estimated

\* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek 269 AF (O&M storage table includes dead storage)

\* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

\* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

\* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.

\* Note: Frenchman Reservoir capacity tables updated based on aerial survey; prior capacity was 3752 A.F. Average shown is pre aerial survey